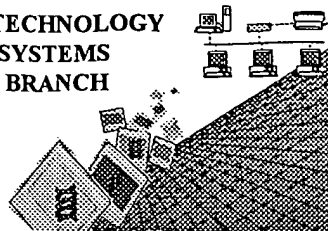


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/869,309

Source: PT/09

Date Processed by STIC: 1/21/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or,
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



PCT

RAW SEQUENCE LISTING

DATE: 01/21/2003

PATENT APPLICATION: US/09/869,309

TIME: 09:47:49

Input Set : A:\990661D1a.txt

Output Set: N:\CRF4\01212003\I869309.raw

3 <110> APPLICANT: Hofmann, Kay
 5 <120> TITLE OF INVENTION: Protease
 7 <130> FILE REFERENCE: Protease Memorec
 9 <140> CURRENT APPLICATION NUMBER: US 09/869,309
 10 <141> CURRENT FILING DATE: 2002-10-16
 12 <150> PRIOR APPLICATION NUMBER: 19902550.9
 13 <151> PRIOR FILING DATE: 1999-01-22
 15 <150> PRIOR APPLICATION NUMBER: 19925946.1
 16 <151> PRIOR FILING DATE: 1999-06-08
 18 <150> PRIOR APPLICATION NUMBER: 19929115.2
 19 <151> PRIOR FILING DATE: 1999-06-24
 21 <160> NUMBER OF SEQ ID NOS: 20
 23 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

Does Not Comply
Corrected Diskette Needed

pp 1-3

529 <210> SEQ ID NO: 7
 530 <211> LENGTH: 257
 531 <212> TYPE: PRT
 532 <213> ORGANISM: Mus musculus
 534 <400> SEQUENCE: 7
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 536 1 5 10 15
 538 Leu Leu Ser Phe Tyr Leu Ser Val Met Leu Val Leu Ile Trp Val Leu
 539 20 25 30
 541 Thr Gly His Trp Leu Leu Met Asp Ala Leu Ala Met Gly Leu Cys Val
 542 35 40 45
 544 Ala Met Ile Ala Phe Val Arg Leu Pro Ser Leu Lys Val Ser Cys Leu
 545 50 55 60
 547 Leu Leu Ser Gly Leu Leu Ile Tyr Asp Val Phe Trp Val Phe Phe Ser
 548 65 70 75 80
 550 Ala Tyr Ile Phe Asn Ser Asn Val Met Val Lys Val Ala Thr Gln Pro
 551 85 90 95
 553 Ala Asp Asn Pro Leu Asp Val Leu Ser Arg Lys Leu His Leu Gly Pro
 554 100 105 110
 556 Asn Val Gly Arg Asp Val Pro Arg Leu Ser Leu Pro Gly Lys Leu Val
 557 115 120 125
 559 Phe Pro Ser Ser Thr Gly Ser His Phe Ser Met Leu Gly Ile Gly Asp
 560 130 135 140
 562 Ile Val Met Pro Gly Leu Leu Leu Cys Phe Val Leu Arg Tyr Asp Asn
 563 145 150 155 160
 E--> 565 Tyr Lys Lys Gln Ala Ser Gly Asp Ser Cys Gly Ala Pro Gly Xaa Ala

see p.3 for error explanation
1/21/03

RAW SEQUENCE LISTING

DATE: 01/21/2003

PATENT APPLICATION: US/09/869,309

TIME: 09:47:49

Input Set : A:\990661D1a.txt

Output Set: N:\CRF4\01212003\I869309.raw

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569          180          185          190
571 Ile Gly Tyr Phe Val Gly Leu Leu Thr Ala Thr Val Ala Ser Arg Val
572          195          200          205
574 His Arg Ala Ala Gln Pro Ala Leu Leu Tyr Leu Val Pro Phe Thr Leu
575          210          215          220
577 Leu Pro Leu Leu Thr Met Ala Tyr Leu Lys Gly Asp Leu Arg Arg Met
578 225          230          235          240
580 Trp Ser Glu Pro Phe His Ser Lys Ser Ser Ser Arg Phe Leu Glu
581          245          250          255
583 Val

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875 <210> SEQ ID NO: 15

876 <211> LENGTH: 771

877 <212> TYPE: DNA

878 <213> ORGANISM: Mus musculus

880 <400> SEQUENCE: 15

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892 ccatttacc ctttgccact cctcaccatg gcctacctaagggtgactt acggaggatg 720
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→ see p.3

VARIABLE LOCATION SUMMARY

DATE: 01/21/2003

PATENT APPLICATION: US/09/869,309

TIME: 09:47:50

Input Set : A:\990661D1a.txt

Output Set: N:\CRF4\01212003\I869309.raw

Use of n's or Xaa's (NEW RULES) :

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:7; Xaa Pos. 175

Seq#:15; N Pos. 524,525